

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/158,120ADATE: 03/02/2000  
TIME: 10:58:51

INPUT SET: S34872.raw

**This Raw Listing contains the General  
Information Section and up to the first 5 pages.**

## SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4 (i) APPLICANT: JOHNSON, L.  
5 (ii) TITLE OF INVENTION: Human Murine Chimeric Antibodies Against  
6 Respiratory Syncytical Virus  
7 (iii) NUMBER OF SEQUENCES: 49  
8 (iv) CORRESPONDENCE ADDRESS:  
9 (A) ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,  
10 STEWART & OLSTEIN  
11 (B) STREET: 6 BECKER FARM ROAD  
12 (C) CITY: ROSELAND  
13 (D) STATE: NEW JERSEY  
14 (E) COUNTRY: USA  
15 (F) ZIP: 07068  
16 (v) COMPUTER READABLE FORM:  
17 (A) MEDIUM TYPE: 3.5 INCH DISKETTE  
18 (B) COMPUTER: P160  
19 (C) OPERATING SYSTEM: Windows95  
20 (D) SOFTWARE: MS Word 97  
21 (vi) CURRENT APPLICATION DATA:  
22 (A) APPLICATION NUMBER: 09/158,120  
23 (B) FILING DATE: September 21, 1998  
--> 24 (C) CLASSIFICATION: 424  
25 (vii) PRIOR APPLICATION DATA  
26 (A) APPLICATION NUMBER: 08/290,592  
27 (B) FILING DATE: August 15, 1994  
28 (A) APPLICATION NUMBER: 07/813,372  
29 (B) FILING DATE: December 23, 1991  
30 (viii) ATTORNEY/AGENT INFORMATION:  
31 (A) NAME: Olstein, Elliot M.  
32 (B) REGISTRATION NUMBER: 24,025  
33 (C) REFERENCE/DOCKET NUMBER: 469201-367  
34 (ix) TELECOMMUNICATION INFORMATION:  
35 (A) TELEPHONE: 973-994-1700  
36 (B) TELEFAX: 973-994-1744  
37  
38  
39  
40  
41  
42 (2) INFORMATION FOR SEQ ID NO:1:  
43 (i) SEQUENCE CHARACTERISTICS:  
44 (A) LENGTH: 27 BASE PAIRS  
45 (B) TYPE: NUCLEIC ACID  
46 (C) STRANDEDNESS: SINGLE

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/158,120ADATE: 03/02/2000  
TIME: 10:58:52

INPUT SET: S34872.raw

47 (D) TOPOLOGY: LINEAR  
48 (ii) MOLECULE TYPE: Oligonucleotide  
49 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
50 AGCGGATCCA GGGGCCAGTG GATAGAC  
51  
52 (2) INFORMATION FOR SEQ ID NO:2:  
53 (i) SEQUENCE CHARACTERISTICS:  
54 (A) LENGTH: 17 NUCLEOTIDES  
55 (B) TYPE: NUCLEIC ACID  
56 (C) STRANDEDNESS: SINGLE  
57 (D) TOPOLOGY: LINEAR  
58 (ii) MOLECULE TYPE: Oligonucleotide  
59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
60 TGGATGGTGG GAAGATG 17  
61  
62 (2) INFORMATION FOR SEQ ID NO:3:  
63 (i) SEQUENCE CHARACTERISTICS:  
64 (A) LENGTH: 15 NUCLEOTIDES  
65 (B) TYPE: NUCLEIC ACID  
66 (C) STRANDEDNESS: SINGLE  
67 (D) TOPOLOGY: LINEAR  
68 (ii) MOLECULE TYPE: Oligonucleotide  
69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
70 GGCCAGTGGA TAGAC15  
71  
72 (2) INFORMATION FOR SEQ ID NO:4:  
73 (i) SEQUENCE CHARACTERISTICS:  
74 (A) LENGTH: 16 NUCLEOTIDES  
75 (B) TYPE: NUCLEIC ACID  
76 (C) STRANDEDNESS: SINGLE  
77 (D) TOPOLOGY: LINEAR  
78 (ii) MOLECULE TYPE: Oligonucleotide  
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
80 TACAGTTGGT GCAGCA16  
81  
82 (2) INFORMATION FOR SEQ ID NO:5:  
83 (i) SEQUENCE CHARACTERISTICS:  
84 (A) LENGTH: 24 NUCLEOTIDES  
85 (B) TYPE: NUCLEIC ACID  
86 (C) STRANDEDNESS: SINGLE  
87 (D) TOPOLOGY: LINEAR  
88 (ii) MOLECULE TYPE: Oligonucleotide  
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
90 GATGGATCCA GTTGGTGCAG CATC24  
91  
92 (2) INFORMATION FOR SEQ ID NO:6:  
93 (i) SEQUENCE CHARACTERISTICS:  
94 (A) LENGTH: 30 NUCLEOTIDES  
95 (B) TYPE: NUCLEIC ACID  
96 (C) STRANDEDNESS: SINGLE  
97 (D) TOPOLOGY: LINEAR  
98 (ii) MOLECULE TYPE: Oligonucleotide  
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

27

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/158,120ADATE: 03/02/2000  
TIME: 10:58:52

INPUT SET: S34872.raw

100 CACGTCGACA TTCAGCTGAC CCAGTCTCCA 30  
101  
102 (2) INFORMATION FOR SEQ ID NO:7:  
103 (i) SEQUENCE CHARACTERISTICS:  
104 (A) LENGTH: 30 NUCLEOTIDES  
105 (B) TYPE: NUCLEIC ACID  
106 (C) STRANDEDNESS: SINGLE  
107 (D) TOPOLOGY: LINEAR  
108 (ii) MOLECULE TYPE: Oligonucleotide  
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
110 CGGAATTCAG GTNNANCTGC AGNAGTCWGG 30  
111  
112 (2) INFORMATION FOR SEQ ID NO:8:  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH: 28 NUCLEOTIDES  
115 (B) TYPE: NUCLEIC ACID  
116 (C) STRANDEDNESS: SINGLE  
117 (D) TOPOLOGY: LINEAR  
118 (ii) MOLECULE TYPE: Oligonucleotide  
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
120 CCCAAGCTTG GTCCCCCTC CGAACGTG 28  
121  
122 (2) INFORMATION FOR SEQ ID NO:9:  
123 (i) SEQUENCE CHARACTERISTICS:  
124 (A) LENGTH: 39 NUCLEOTIDES  
125 (B) TYPE: NUCLEIC ACID  
126 (C) STRANDEDNESS: SINGLE  
127 (D) TOPOLOGY: LINEAR  
128 (ii) MOLECULE TYPE: Oligonucleotide  
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
130 GCGTCGACT CACCATGGAC ATGAGGGTCC YCGCTCAGC 39  
131  
132 (2) INFORMATION FOR SEQ ID NO:10:  
133 (i) SEQUENCE CHARACTERISTICS:  
134 (A) LENGTH: 57 NUCLEOTIDES  
135 (B) TYPE: NUCLEIC ACID  
136 (C) STRANDEDNESS: SINGLE  
137 (D) TOPOLOGY: LINEAR  
138 (ii) MOLECULE TYPE: Oligonucleotide  
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
140 GTCACCATCA CTTGCAAGTG CCAGCTGAGT GTAGGTTACA TGCACTGGTA CCAGCAG 57  
141  
142 (2) INFORMATION FOR SEQ ID NO:11:  
143 (i) SEQUENCE CHARACTERISTICS:  
144 (A) LENGTH: 54 NUCLEOTIDES  
145 (B) TYPE: NUCLEIC ACID  
146 (C) STRANDEDNESS: SINGLE  
147 (D) TOPOLOGY: LINEAR  
148 (ii) MOLECULE TYPE: Oligonucleotide  
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
150 GCAACTTATT ACTGCTTTCA GGGGAGTGGG TACCCATTCA CGTTCGGAGG GGGG 54  
151  
152 (2) INFORMATION FOR SEQ ID NO:12:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/158,120ADATE: 03/02/2000  
TIME: 10:58:52

INPUT SET: S34872.raw

153 (i) SEQUENCE CHARACTERISTICS:  
154 (A) LENGTH: 32 NUCLEOTIDES  
155 (B) TYPE: NUCLEIC ACID  
156 (C) STRANDEDNESS: SINGLE  
157 (D) TOPOLOGY: LINEAR  
158 (ii) MOLECULE TYPE: Oligonucleotide  
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
160 GTGACCAACA TGGACCCTGC TGATACTGCC AC 32  
161  
162 (2) INFORMATION FOR SEQ ID NO:13:  
163 (i) SEQUENCE CHARACTERISTICS:  
164 (A) LENGTH: 29 NUCLEOTIDES  
165 (B) TYPE: NUCLEIC ACID  
166 (C) STRANDEDNESS: SINGLE  
167 (D) TOPOLOGY: LINEAR  
168 (ii) MOLECULE TYPE: Oligonucleotide  
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:  
170 CCATGTTGGT CACTTTAAGG ACCACCTGG 29  
171  
172 (2) INFORMATION FOR SEQ ID NO:14:  
173 (i) SEQUENCE CHARACTERISTICS:  
174 (A) LENGTH: 37 NUCLEOTIDES  
175 (B) TYPE: NUCLEIC ACID  
176 (C) STRANDEDNESS: SINGLE  
177 (D) TOPOLOGY: LINEAR  
178 (ii) MOLECULE TYPE: Oligonucleotide  
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:  
180 CCAGTTTACT AGTGTCATAG ATCAGGAGCT TAGGGGC 37  
181  
182 (2) INFORMATION FOR SEQ ID NO:15:  
183 (i) SEQUENCE CHARACTERISTICS:  
184 (A) LENGTH: 37 NUCLEOTIDES  
185 (B) TYPE: NUCLEIC ACID  
186 (C) STRANDEDNESS: SINGLE  
187 (D) TOPOLOGY: LINEAR  
188 (ii) MOLECULE TYPE: Oligonucleotide  
189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:  
190 TGACACTAGT AAACCTGGCTT CTGGGGTCCC ATCAAGG 37  
191  
192 (2) INFORMATION FOR SEQ ID NO:16:  
193 (i) SEQUENCE CHARACTERISTICS:  
194 (A) LENGTH: 97 AMINO ACIDS  
195 (B) TYPE: AMINO ACID  
196 (D) TOPOLOGY: LINEAR  
197 (ii) MOLECULE TYPE: PROTEIN  
198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:  
199 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly  
200 5 10 15  
201  
202 Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Asn  
203 20 25 30  
204  
205 Ser Tyr Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/158,120A

DATE: 03/02/2000  
TIME: 10:58:53

INPUT SET: S34872.raw

```

206          35          40          45
207
208  Glu Trp Met Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Ser Tyr
209          50          55          60
210
211  Ala Gln Lys Phe Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser
212          65          70          75
213
214  Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
215          80          85          90
216
217  Thr Ala Val Tyr Tyr Cys Ala
218          95
219
220  (2) INFORMATION FOR SEQ ID NO:17:
221  (i) SEQUENCE CHARACTERISTICS:
222  (A) LENGTH: 117 AMINO ACIDS
223  (B) TYPE: AMINO ACID
224  (D) TOPOLOGY: LINEAR
225  (ii) MOLECULE TYPE: PROTEIN
226  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:
227  Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly
228          5          10          15
229
230  Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Phe Asn Ile Lys
231          20          25          30
232
233  Asp Tyr Tyr Ile Tyr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu
234          35          40          45
235
236  Glu Trp Ile Gly Trp Ile Asp Pro Glu Asn Gly Asn Thr Val Phe
237          50          55          60
238
239  Asp Pro Lys Phe Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser
240          65          70          75
241
242  Thr Ser Thr Val Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp
243          80          85          90
244
245  Thr Ala Val Tyr Tyr Cys Ala Tyr Tyr Gly Thr Ser Ser Phe Asp
246          95          100          105
247
248  Phe Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
249          110          115
250
251  (2) INFORMATION FOR SEQ ID NO:18:
252  (i) SEQUENCE CHARACTERISTICS:
253  (A) LENGTH: 117 AMINO ACIDS
254  (B) TYPE: AMINO ACID
255  (D) TOPOLOGY: LINEAR
256  (ii) MOLECULE TYPE: PROTEIN
257  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
258  Glu Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg Pro Gly

```

INPUT SET: S34872.raw

## \*\*\*\*\* PREVIOUSLY ERRORED SEQUENCES - EDITED \*\*\*\*\*

777 (2) INFORMATION FOR SEQ ID NO:49:  
778 (i) SEQUENCE CHARACTERISTICS:  
779 (A) LENGTH: 6 AMINO ACIDS  
780 (B) TYPE: AMINO ACID  
781 (D) TOPOLOGY: LINEAR  
782 (ii) MOLECULE TYPE: PROTEIN  
783 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:  
784 Ser Val Gly Tyr Met His  
785 5  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798

---

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/158,120A**

DATE: 03/02/2000  
TIME: 10:58:54

***INPUT SET: S34872.raw***

Line	Error	Original Text
24	Wrong Classification	(C) CLASSIFICATION: 424